

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An encryption device, comprising:
a random number generator, receiving a main key, determining a working key using at least one random number and outputting the working key;
a model, receiving the main key, the working key and plain text and generating at least two frequency counts; and
an encoder, outputting cipher text, based on the working key, the plain text, and the said at least two frequency counts.
2. (Original) The encryption device of claim 1, wherein the working key produced by said random number generator is variable length.
3. (Original) The encryption device of claim 1, wherein said encoder output is variable.
4. (Original) The encryption device of claim 1, wherein the working key and the main key are different.
5. (Currently amended) The encryption device of claim 1, wherein said model includes at least one frequency table containing the said at least two frequency counts.
6. (Currently amended) The encryption device of claim 1, wherein the said at least one frequency table is stored in a RAM.
7. (Original) The encryption device of claim 1, wherein the ciphered text output by said encoder is based on a bit-based processing scheme.

8. (Currently amended) The encryption device of claim 5, wherein ~~the~~ said at least one frequency table includes the working key.

9. (Currently amended) A method of encrypting, comprising:
processing random bits and key bits of a key to generate at least one frequency table; and
encoding plain text using ~~the~~ said at least one frequency table.

10. (Currently amended) The method of claim 9, wherein said processing step includes generating a random bit string of a length equal to a said key.

11. (Currently amended) The method of claim 9, wherein said processing step, different key bits produce a different ~~at least one~~ frequency table.

12. (Original) The method of claim 9, wherein said encoding step output is variable.

13. (Original) The method of claim 9, wherein the ciphered text output by said encoder is based on a bit-based processing scheme.

14. (Currently amended) The method of claim 11, wherein ~~the~~ said at least one frequency table includes the working key.

15. (Currently amended) A decryption device, comprising:
a model, receiving a main key, a working key and plain text and generating at least two frequency counts;
a decoder, outputting the plain text, based on the working key, the main key, cipher ~~the plain text, the~~ said at least two frequency counts, and
a random number generator, receiving the plain text and determining the working key using at least one random number and outputting the working key to said model.

16. (Original) The decryption device of claim 15, wherein the working key produced by said random number generator is variable length.

17. (Original) The decryption device of claim 15, wherein said decoder output is variable.

18. (Original) The decryption device of claim 15, wherein the working key and the main key are different.

19. (Currently amended) The decryption device of claim 15, wherein said model includes at least one frequency table containing ~~the~~ said at least two frequency counts.

20. (Currently amended) The decryption device of claim 15, wherein ~~the~~ said at least one frequency table is stored in a RAM.

21. (Currently amended) The decryption device of claim 15, wherein the ~~ciphered~~ plain text output by said ~~encoder~~ decoder is based on a bit-based processing scheme.

22. (Currently amended) The decryption device of claim 19, wherein ~~the~~ said at least one frequency table includes the working key.

23. (Currently amended) A method of decrypting, comprising:
processing random bits and key bits of a key to generate at least one frequency table; and
decoding cipher text using ~~the~~ said at least one frequency table.

24. (Currently amended) The method of claim 23, wherein said processing step includes generating a random bit string of a length equal to a said key.

25. (Currently amended) The method of claim 23, wherein said processing step, different key bits produce a different ~~at least one~~ frequency table.

26. (Original) The method of claim 23, wherein said decoding step output is variable